

steffenmk  
8/19/2004  
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GEN NOTE

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2002; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2004 AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THE PROJECT IS LOCATED ON FAI ROUTE 64 IN WHITE COUNTY IN ILLINOIS AND IN POSEY COUNTY IN INDIANA. THE PROJECT INCLUDES THE FOLLOWING TWO STRUCTURES: STRUCTURE NUMBER 097-0003(EB) AND 097-0004(WB) OVER THE WABASH RIVER. THE WORK INCLUDES TOPSOIL EXCAVATION AND PLACEMENT, A MEDIAN Crossover ON THE ILLINOIS SIDE, BITUMINOUS BINDER AND SURFACE COURSE, BITUMINOUS AND AGGREGATE SHOULDERS, A WATERPROOF MEMBRANE SYSTEM, PARTIAL AND FULL DEPTH DECK PATCHING, NEW EXPANSION JOINTS, CONSTRUCTION OF THE BITUMINOUS WEARING SURFACES, NEW GUARDRAIL, PAVEMENT STRIPING, AND ALL OTHER WORK NECESSARY TO COMPLETE THIS PROJECT.

THE Crossover ON THE INDIANA SIDE IS EXSITING. IT WILL BE UTILIZED DURING THE STAGING AND WHEN THE PROJECT IS COMPLETE IT SHALL BE RETURNED TO THE ORIGINAL CONDITION.

THE CURVE DATA ON THE BRIDGE PLANS ARE BASED ON THE ORIGINAL BRIDGE PLANS. THE CURVE DATA ON THE ROADWAY PLANS ARE FROM THE FIELD SURVEY.

TOPSOIL EXCAVATION AND PLACEMENT SHALL BE 4" AND SHALL BE STOCKPILED OFF STATE RIGHT OF WAY AT A SITE APPROVED BY THE RESIDENT ENGINEER.

THE EXCAVATION REQUIRED FOR THE REMOVAL OF THE BITUMINOUS SHOULDERS SHALL BE INCLUDED IN THE PAY ITEM PAVED SHOULDER REMOVAL, SQ. YD. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL INSTALL GUARDRAIL PRIOR TO TRAFFIC CONTROL AND PROTECTION STANDARD 701416 (SPECIAL).

ALL PERMANENT MARKING ON FAI 64 SHALL BE EPOXY PAVEMENT MARKINGS OF THE SIZE SPECIFIED. THE TOTAL QUANTITY OF EPOXY PAVEMENT MARKING, 4" CONSISTS OF 16,796 FOOT OF WHITE AND 16,796 FOOT OF YELLOW AND EPOXY PAVEMENT MARKING, 6" CONSISTS OF 4,220 FOOT OF WHITE.

AGGREGATE BASE COURSE, TYPE B SHALL BE CRUSHED STONE WITH A MINIMUM IBR OF 80 AND GRADATION OF CA-6.

EXCAVATED AREAS AND EMBANKMENTS SHALL BE PERMANENTLY SEEDED WHEN FINAL GRADED. THEY SHALL BE TEMPORARY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR FOURTEEN DAYS.

TEMPORARY CONCRETE BARRIERS SHALL BE FURNISHED BY THE CONTRACTOR AND. THE TEMPORARY CONCRETE BARRIERS NOT IN USE BETWEEN STAGES SHALL BE STORED IN A LOCATION APPROVED BY THE ENGINEER.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN THE CALCULATING PLAN QUANTITIES:

AGGREGATE SURFACE COURSE	2.05 TONS/CU. YD.
AGGREGATE BASE COURSE, TYPE B	1.90 TONS/CU. YD.
BITUMINOUS MATERIALS (PRIME COAT)	0.05 GAL/SQ. YD.
BITUMINOUS CONCRETE	112 LBS/SQ YD./IN.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION: FAI ROUTE 64 (BOTTOM BINDER LIFT, 5")  
MIXTURE USE: BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19.0 N70  
AC/PG: PG 64-22  
RAP %: 0%  
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70  
MIXTURE COMPOSITION: IL-19.0  
FRICTION AGGREGATE: N/A

LOCATION: FAI ROUTE 64 (2ND BINDER LIFT, 4")  
MIXTURE USE: BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19.0 N90  
AC/PG: PG 64-22  
RAP %: 0%  
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
MIXTURE COMPOSITION: IL-19.0  
FRICTION AGGREGATE: N/A

LOCATION: FAI ROUTE 64 (3RD BINDER LIFT, 4")  
MIXTURE USE: BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19.0 N90  
AC/PG: PG 64-22  
RAP %: 0%  
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
MIXTURE COMPOSITION: IL-19.0  
FRICTION AGGREGATE: N/A

LOCATION: FAI ROUTE 64 (TOP BINDER LIFT, 2.25")  
MIXTURE USE: POLY BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19.0 N90  
AC/PG: SBS PG 70-22  
RAP %: 0%  
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
MIXTURE COMPOSITION: IL-19.0  
FRICTION AGGREGATE: N/A

LOCATION: FAI ROUTE 64 (SURFACE LIFT, 2")  
MIXTURE USE: POLY BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX D N90  
AC/PG: SBS PG 70-22  
RAP %: 0%  
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90  
MIXTURE COMPOSITION: IL-9.5  
FRICTION AGGREGATE: MIXTURE D

THE CONTRACTOR WILL BE REQUIRED TO FOG COAT ALL BINDER LIFTS WITH AN EMULSIFIED POLYMER PRIME PRODUCT CLASSIFIED AS SS-1HP. THE TOP OF THE AGGREGATE COURSE WILL NOT BE PRIMED. A QUANTITY FACTOR OF 0.05 GAL./SQ. YD. PER LIFT OF BITUMINOUS CONCRETE BINDER COURSE, (4 LIFTS).

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THE PROJECT:

STRUCTURES 097-0003, 097-0004

MIXTURE USE: SURFACE COURSE, DECK OVERLAY  
APPLICATION: POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE  
SUPERPAVE MIX "D" N90  
PG GRADE: SBS PG 70-22  
RAP %: 0.0%  
DESIGN AIR VOIDS: 4% @ NDESIGN = 90  
MIXTURE COMPOSITION: IL-9.5  
FRICTION AGGREGATE: MIXTURE D

ALL EXISTING RAISED PAVEMENT MARKERS AND PAVEMENT MARKINGS REMOVED WITHIN THE LIMITS OF BITUMINOUS CONCRETE REMOVAL (DECK) SHALL NOT BE PAID FOR SEPERATELY BUT INCLUDED IN THE UNIT PRICE FOR BITUMINOUS CONCRETE REMOVAL (DECK). REPLACEMENT OF THE RAISED PAVEMENT MARKERS AT THE COMPLETION OF THE BITUMINOUS CONSTRUCTION WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE).

AT THE COMPLETION OF THE PROJECT, DELINATORS SHALL BE PLACED BE AT 10 FOOT CENTERS FROM STATION 5859+93 TO STATION 5861+14. THEY SHALL BE SQUARE-SHAPED, WITH ROUND YELLOW AMBER REFLECTORS ON 2 SIDES FACING TRAFFIC. THEY SHALL BE ATTACHED TO THE BREAKAWAY SIGN SUPPORT COUPLER AT A HEIGHT OF 4 FOOT AND DETAILED ON SHEET 16.

RTL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	WHITE	77	2
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT NO.	

- FAI 64 (I-64)
  - D-7 BRIDGE DECK REPAIRS FY 2005
- CONTRACT NO. 94861

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
		<b>GENERAL NOTES</b>	
		SCALE: VERT.      DRAWN BY	CHECKED BY
		DATE      HORIZ.	